



COMMONWEALTH of VIRGINIA

DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010525
CERTIFICATION DATE: December 17, 2013
DATE RECERTIFICATION DUE: June 15, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.

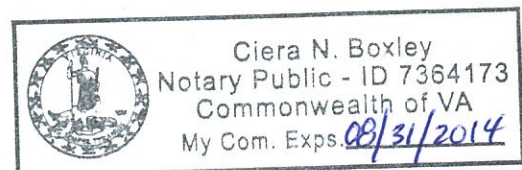
Timmy L. Neece, Jr.
Forensic Scientist

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 30th day of
December, 2013 by Timmy L. Neece, Jr.

Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



msk

DBH
TLW

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 12/19/2013**

Instrument Serial Number: 010525

As of 19-Dec-13

Maintenance Date	Certification Date	Technician Initials	Remarks
17-Dec-13	17-Dec-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
10-Jul-13	10-Jul-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
20-Jun-13	20-Jun-13	MMB (26417)	CERTIFIED.
24-Jan-13	24-Jan-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
01-Aug-12	01-Aug-12	DBH (21250)	CERTIFIED.
16-Feb-12	16-Feb-12	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
24-Aug-11	24-Aug-11	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
22-Mar-11	22-Mar-11	DBH (21250)	CERTIFIED
07-Oct-10	07-Oct-10	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
27-Apr-10	27-Apr-10	DBH (21250)	CERTIFIED
03-Nov-09	03-Nov-09	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
21-May-09	21-May-09	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
12-Dec-08	12-Dec-08	DBH (21250)	CERTIFIED.
17-Nov-08	17-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

BBH
TLN

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010525 Worksheet Start Date 12/17/2013
Location Montgomery CO SO
Address 16 S Franklin St Christiansburg VA 24073
DFS Technician Donald Hall License No. 21250

☐ Laboratory

☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 702 Reference Barometer (mm HG) 704
Reference Barometer(RB)Serial # 009109 RB Calibration Due 8/1/2014

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.280
0.300	0.277	0.268	0.285	Sample 2	0.280
Precision		sample min	sample max	Sample 3	0.279
0.001		0.279	0.280		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.093
0.100	0.092	0.089	0.095	Sample 2	0.093
Precision		sample min	sample max	Sample 3	0.093
0		0.093	0.093		

Dry gas standard Lot No. (with tank no.) AG227501-12

☒ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies

Mouthpieces

Certificates of Analysis

Operator Worksheet

Other:

100

100

100

Notes:

Instrument Serial Number

010525

Certification Date

12/17/2013

☐ Calibrated☒ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.231
0.250	0.231	0.224	0.237	Sample 2	0.231
Precision		sample min	sample max	Sample 3	0.230
0.001		0.230	0.231		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.138
0.150	0.138	0.133	0.142	Sample 2	0.138
Precision		sample min	sample max	Sample 3	0.138
0		0.138	0.138		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.074
0.080	0.074	0.071	0.077	Sample 2	0.074
Precision		sample min	sample max	Sample 3	0.074
0		0.074	0.074		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.018
0.020	0.018	0.015	0.021	Sample 2	0.018
Precision		sample min	sample max	Sample 3	0.018
0		0.018	0.018		

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Donald B Hall

Date

12/19/13

Issuing Analyst

[Signature]

Date

*12/20/13**msk*

DBH
TLN

Intox EC/IR-11: Certification

Department of Forensic Science

Serial Number: 010525 Test Number: 1582

Test Date: 12/17/2013 Test Time: 14:47 EST

Technician Initials: DBH

Dry Gas Target: 0.231

Lot Number: 2961225012-10 Exp Date: 11/01/2014

Tank Pressure: 56 psi Barometric Pressure: 701 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:48
BLK	0.000	14:49
CHK	0.231	14:49
BLK	0.000	14:51
CHK	0.231	14:52
BLK	0.000	14:53
CHK	0.230	14:54
BLK	0.000	14:56

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

DBH
TLN

Intox EC/IR-11: Certification

Department of Forensic Science

Serial Number: 010525 Test Number: 1583

Test Date: 12/17/2013 Test Time: 14:59 EST

Technician Initials: DBH

Dry Gas Target: 0.138

Lot Number: 2951215012-03 Exp Date: 11/01/2014

Tank Pressure: 389 psi Barometric Pressure: 701 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:59
BLK	0.000	15:00
CHK	0.138	15:01
BLK	0.000	15:02
CHK	0.138	15:03
BLK	0.000	15:04
CHK	0.138	15:05
BLK	0.000	15:07

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

DBH
TLN

Intox EC/IR-11: Certification

Department of Forensic Science

Serial Number: 010525 Test Number: 1584
Test Date: 12/17/2013 Test Time: 15:09 EST

Technician Initials: DBH

Dry Gas Target: 0.074

Lot Number: 0771308012-01 Exp Date: 05/01/2015

Tank Pressure: 963 psi Barometric Pressure: 701 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	15:09
BLK	0.000	15:10
CHK	0.074	15:11
BLK	0.000	15:12
CHK	0.074	15:13
BLK	0.000	15:14
CHK	0.074	15:15
BLK	0.000	15:16

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

Intox EC/IR-11: Certification

DBH
+vv

Department of Forensic Science

Serial Number: 010525 Test Number: 1585

Test Date: 12/17/2013 Test Time: 15:19 EST

Technician Initials: DBH

Dry Gas Target: 0.018

Lot Number: 0651202011-05 Exp Date: 04/01/2014

Tank Pressure: 71 psi Barometric Pressure: 701 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	15:19
BLK	0.000	15:20
CHK	0.018	15:21
BLK	0.000	15:22
CHK	0.018	15:23
BLK	0.000	15:24
CHK	0.018	15:25
BLK	0.000	15:26

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

Intox EC/IR-11: Accuracy Check

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Department of Forensic Science

Serial Number: 010525 Test Number: 1586

Test Date: 12/17/2013 Test Time: 15:30 EST

LEY Gas Target: 0.277

Lot Number: AG322702-07 Exp Date: 08/15/2015

Tank Pressure: 311 psi Barometric Pressure: 701 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	15:31
CHK	0.280	15:32
BLK	0.000	15:33
CHK	0.280	15:34
BLK	0.000	15:36
CHK	0.279	15:37

Test Status: Success

Calibration CRC: 776C41D7

Intox EC/IR-11: Accuracy Check

DBH
T_W

Department of Forensic Science

Serial Number: 010525 Test Number: 1587

Test Date: 12/17/2013 Test Time: 15:40 EST

Dry Gas Target: 0.092

Lot Number: AG227501-12 Exp Date: 10/01/2014

Tank Pressure: 698 psi Barometric Pressure: 701 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	15:41
CHK	0.093	15:41
BLK	0.000	15:43
CHK	0.093	15:44
BLK	0.000	15:45
CHK	0.093	15:46

Test Status: Success

Calibration CRC: 776C41D7

DBH
TLW




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B		AGENCY DFS Central Lab
DFS LICENSE NUMBER 21250	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 12/17/2013
TEST EQUIPMENT NUMBER 010525		

RESULTS: TIME SAMPLE TAKEN 15:55 EST

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 19 Dec 2013 at 09:09

DBH
TLN

Test Results

Instrument Serial Number 010525

Test # 001588 Subject Test

Test Location 1 Department of
Test Date 17 Dec 2013

Test Location 2 Forensic Science
Test Time 15:48
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name HALL
Agency DFS Central Lab

Operator's First Name DONALD

Operator's Middle Initial B
License Number 21250

Card Serial Number 121250

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 17 Dec 2013 End Time 15:56

Result Time 15:55

Result Date 17 Dec 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 15:49

Data Type BLK

Sample Value 0.000

Sample Time 15:49

Data Type CHK

Sample Value 0.093

Sample Time 15:50

Data Type BLK

Sample Value 0.000

Sample Time 15:51

Data Type SUBJ

Sample Value 0.000

Sample Time 15:52

Data Type BLK

Sample Value 0.000

Sample Time 15:53

Data Type SUBJ

Sample Value 0.000

Sample Time 15:55

Data Type BLK

Sample Value 0.000

Sample Time 15:56

Standard Type Dry Gas Std

Standard Value 0.092

Standard Lot Number AG227501-12

Standard Expiration Date 10/01/2014

Tank Pressure 688

Barometric Pressure 701 mmHg

Blow Sample Number 1 Blow Duration 3.59 sec

Blow Volume 1916 cc End-of-Blow Time 15:52

Blow Sample Number 2 Blow Duration 3.76 sec

Blow Volume 2038 cc End-of-Blow Time 15:55

Tamper Evident Stamp cfedc10a

Test Status Code 0

Test Status Success